

CONCEPTUAL & ENGINEERING DESIGN FOR NAVAL SHIPS, COMMERCIAL VESSELS & OCEAN ENGINEERING STRUCTURES

Conceptual design and engineering detailed design for 1454 project sea tugs



1454 project sea tug

Purpose of upgrade:

Using of "Kaliningradets" and "Neotrazimy" tugs as platforms for dedicated engineering facilities in the form of modular laboratories, as well as systems for liquidation of accidental oil spills.

Assignment after retrofit:

Search and servicing of potentially dangerous underwater structures.
Participation in liquidation of accidental oil spills in water areas.

Dedicated engineering facilities:

- Radiation monitoring aids
- Chemical monitoring aids
- Search & monitoring equipment
- Equipment for TV-controlled "Aqua-CS" underwater vehicle
- Equipment to liquidate accidental oil spills
- Aids for communication with the vessel control posts.

Development of engineering solutions to retrofit "Vladimir Ignatyuk" icebreaker

Purpose of retrofit:

To provide for oil offloading functions along with traditional operations.

Scope of upgrade:

Engineering detailed design has been developed for installation of bow thruster. Development of design documentation for the hull, ship gears, ship systems, mechanical and electrical equipment.



"Vladimir Ignatyuk" icebreaker

Harbour berthing tug



21110 project harbour berthing tug

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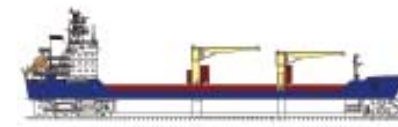
Berthing tug assignment:

Towing and berthing operations in the port and at roads

Participation in rescue operations regarding fire extinguishing on board the vessels and at the port facilities

Berthing operations in ice conditions of Primorsk oil port.

Engineering project for upgrade of timber & pallet carrier



17340 project timber & pallet carrier

Purpose of upgrade: Vessel extension by insertion of an additional hold.

Scope of upgrade: Scope of upgrade:

Development of an engineering project for the vessel extension by insertion of additional hold with hydraulically-operated hatch covers, installation of full-swing crane, outfitting of the second and the third holds by removable tweendecks for shipment of movable vehicles and installation of additional fuel tank and fresh water tank.

15010 project ocean supply tanker

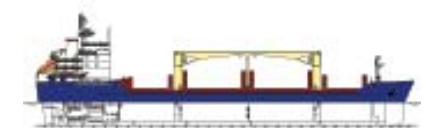
CDB Baltsudoproekt provides engineering follow-up for outfitting and takes part in acceptance of "Ishim" leading tanker, which provides fuelling of vessels and ships at sea, delivery of fuel and lubricants to on-shore bases and posts, including shores with no facilities.



15010 project ocean supply tanker

Engineering project and detailed design plans and specifications for construction of multipurpose dry cargo vessel

It is planned to update engineering project to check the compliance with GL Rules and to develop the work design documentation for vessel construction.



60444 project multipurpose dry cargo vessel, deadweight 12500 t